

REMARKS

Claims 33-51 remain allowed in the present application.

By this Amendment, claims 5 and 6 are cancelled. Also, to provide a more legible copy of the specification, portions of the original specification with ink smears are presented with replacement paragraphs.

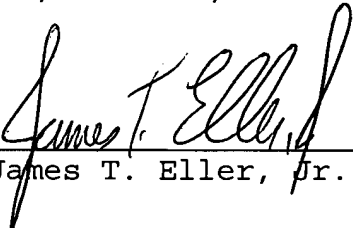
The proposed changes do not add new matter nor do they raise any new issues. Accordingly, entry thereof is deemed proper and requested.


Should there be any outstanding matters which need to be resolved in the present application, the Examiner is respectfully requested to contact Esther H. Chong (Registration No. 40,953) at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and further replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,

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Attachment: Version with Markings to Show Changes Made

VERSION WITH MARKINGS TO SHOW CHANGES MADEIN THE SPECIFICATION:

The ink-smeared paragraphs (see original specification) on page 4, lines 5-25, have been replaced with the following legible paragraphs:

Furthermore during the injection molding for fabricating a substrate of the optical disc which is formed of a plastic, the inner diameter portion and outer diameter portion of the disc present optical inconsistency owing to the differences in resin temperature, cooling time, etc. The deviations of the recording characteristics incited due to the inconsistent substrate and varied thickness of the recording layer currently satisfy the stipulated standard of using the disc, which, however, are required to be improved in the aspect of reliability.

Therefore, a lot of endeavors has been made until now for securing the consistency. Nevertheless, the thickness variation of the recording layer shows a deviation of $\pm 2\%$ currently. Additionally, it is a general point of view that the inconsistency is difficult to be completely solved.

As described above, the optical disc allots the spare areas of the prescribed rate (approximately 5.7%) with respect to overall zone capacity in setting the recording area. As described with reference to FIG. 2, the optical disc is inconsistent thickness throughout it to involve the inconsistency resulting from the varied

thickness in the lengthwise direction of the radius. Consequently, since the defect occurring rates at specific points of the optical disc are respectively differed from one another, a specific zone cannot be used further if the defect within the corresponding zone is increased to employ all replaceable spare areas. For this reason, overall disc may not be used to incur a problem of lacking in reliability of the disc due to the increase of the defective portions.

The ink-smeared paragraphs on page 5, line 5-21, have been replaced with the following legible paragraphs:

Also, a method for setting spare areas of an optical disc for preparing a liably-occurring recording error due to a defect of said optical disc, wherein the method for setting said spare areas of the optical disc is preformed by variably setting the spare area rates of which size rates are variably set in the radius direction of the optical disc.

In the optical disc formed according to the present invention in view of the above construction, the spare area rates provided for respective zones are not constantly allotted per zone, but are variably provided per zone to enable to deal with a liably-occurring defect in accordance with the thickness variation of the disc, thereby improving overall reliability of the disc.

Brief Description of the Drawings

The above objects and other advantages of the present invention will become more apparent by describing in detail preferred embodiments thereof with reference to the attached drawings in which:

FIG. 1 is a view showing a format of a general optical disc;
and

FIG. 2 is a view showing the thickness variation in the radius direction of the optical disc.

The ink-smeared paragraph beginning on page 6, line 1, has been replaced with the following legible paragraph:

A fabricating method of the optical disc is largely performed by steps of forming a stamper, of injection-molding a transparent substrate having a thickness of about 0.6mm by using the prepared stamper of covering a recording layer over the molded transparent substrate by using a continuous-type sputter, and of adhering the disc formed with the recording layers. The detailed steps are of the well-known in the art, of which detailed descriptions will thus be deleted.

IN THE CLAIMS:

Claims 5 and 6 have been canceled.